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031904

Case Docket Number: 50229-430

Customer Number: 20277

**UTILITY PATENT APPLICATION  
UNDER 37 CFR 1.53(b)**

Mail Stop New Patent Utility Application  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450  
Sir:

Transmitted herewith for filing is the patent application of:

**INVENTOR:** Sylvia DAUNERT, Serban F. PETEU, Leonidas G. BACHAS, Marc J. MADOU, Elissavet MOSCHOU  
**FOR:** ARTIFICIAL MUSCLE HYDROGEL BLENDS REVERSIBLY ELECTROACTUATED NEAR NEUTRAL pH, IMPLANTABLE ACTUATING DEVICES, AND METHODS USING THE SAME

Enclosed are:

- 36 pages of specification, claims, abstract.
- Declaration and Power of Attorney.
- Priority Claimed. **Provisional Application Serial No. 60/509,054**
- Certified copy of \_\_\_\_\_
- 12 sheets of formal drawing.
- An assignment of the invention to \_\_\_\_\_ and the assignment recordation fee.
- An associate power of attorney.
- A verified statement to establish small entity status under 37 CFR 1.9 and 37 CFR 1.27.
- Information Disclosure Statement, Form PTO-1449 and reference.
- Return Receipt Postcard
- Applicant is entitled to claim Small Entity status.

The filing fee has been calculated as shown below:

	NO. OF CLAIMS		EXTRA CLAIMS	RATE	AMOUNT
Total Claims	20	-20	0	\$18.00	\$0.00
Independent Claims	3	-3	0	\$86.00	\$0.00
Multiple Dependent Claim(s)					\$0.00
<b>Basic Fee</b>					\$770.00
Total of Above Calculations					\$770.00
Less ½ for Small Entity					\$385.00
Assignment & Recording Fee					\$40.00
<b>Total Fee</b>					\$425.00

19270 U.S.PTO  
10/803985

031904

- Please charge my Deposit Account No. 500417 in the amount of \$425.00. A duplicate copy of this sheet is enclosed.
- The Commissioner is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account No. 500417. A duplicate copy is enclosed.
- Any additional filing fees required under 37 CFR 1.16.
- The Commissioner is hereby authorized to charge payment of the following fees during the pendency of this application or credit any overpayment to Deposit Account No. 500417. A duplicate copy of this sheet is enclosed.
- Any patent application processing fees under 37 CFR 1.17.
- Any filing fees under 37 CFR 1.16 for presentation of extra claims.

Respectfully submitted,

MCDERMOTT, WILL & EMERY



Judith L. Toffenetti

Registration No. 39,048

600 13<sup>th</sup> Street, N.W.  
Washington, DC 20005-3096  
(202) 756-8000 JLT:gav  
Facsimile: (202) 756-8087  
**Date: March 19, 2004**